



# E power systems

Freudenberg e-Power Systems is a leading global supplier of emission-neutral energy systems for heavy-duty applications. With its expertise in battery and fuel cell technology, the company offers customized and, in particular, combined solutions for sustainable and cost-efficient e-mobility.

Are you ready to revolutionize the way your heavy-duty applications are powered? As a benchmark-setting e-mobility solutions provider, Freudenberg e-Power Systems designs, develops, and manufactures high-performance battery and fuel cell systems with

Nissan's e-POWER system utilizes an on-board gasoline engine to provide electrical energy to the e-powertrain battery pack. Nissan's latest approach to engine development has raised the bar to world-leading levels, accelerating past the current auto industry average range of 40% thermal efficiency, making it possible to even further reduce ...

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e-POWER delivers a responsive and quiet drive like an EV. e-POWER is Nissan's unique electric-drive powertrain that integrates a gasoline engine and motor. Since the engine only generates electricity and the system is 100% driven by a high-output motor, it is possible to enjoy the driving experience of an EV.

The e-POWER system offers full electric-motor drive, using the onboard gasoline engine only to generate electricity. This means the cabin is quieter than a traditional gasoline-powered car, making it much easier to enjoy a conversation.

Freudenberg e-Power Systems (FEPS) introduces its new battery pack XRANGETM for the electrification of trucks and buses. Heavy-duty XRANGETM battery pack incorporates field-proven safety features and hardware for ease of vehicle integration and high range. Freudenberg will assemble the pack in a state-of-the-art battery gigafactory in the U.S.

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